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holger klapproth...

[H Klapproth](#)
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[I Freund](#)

### Method and device for the detection of at least one luminescent substance

H Klapproth, M Lehmann - 2006 - freepatentsonline.com

 ... The luminescent substance is located inside a measuring **chamber** that is essentially impermeable to the luminescent radiation and comprises at least one wall ...

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### Procedure and device for determining the concentrations of at least two ligands

H Klapproth - 2006 - freepatentsonline.com

 ... 7. A device for determining the concentrations of at least two ligands in a sample for analysis, with a metering **chamber** comprising at least one inlet opening ...

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### Device for the detection of at least one ligand contained in a sample that is to be analyzed - group of 2 »

M Lehmann, C Muller, H Klapproth, I Freund - 2006 - freepatentsonline.com

 ... 1 to 13, characterized by the fact that the at least one receptor (5) is located in the interior cavity (17) of a flow-through measurement **chamber** that has at ...

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### Method for immobilizing molecules on surfaces

U Sieben, I Freund, H Klapproth - 2005 - freepatentsonline.com

 ... The antibodies are incubated overnight in a moist **chamber** at 4.degree. ... Next the chip

 is sealed by application of a reaction **chamber** made of PMMA. ...

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### Biopolymer synthesis substrate and method for producing biopolymers - group of 2 »

H Klapproth, M Lehmann, I Freund, J Sturken - 2005 - freepatentsonline.com

 ... The method of claim 26, wherein the feeder is in the form of a microfluidic cuvette or microfluidic **chamber** that has at least one feeder for biomonomers and at ...

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### Method for determining of nucleic acid analytes - group of 3 »

H Klapproth, M Lehmann - 2005 - freepatentsonline.com

... prepared. After the printing, the coupling reaction proceeds at 50.degree.

 C. in a humid **chamber**. The ... degree. C. in a humid **chamber**. .sup ...

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### Linker system for activating surfaces for bioconjugation - group of 4 »

H Klapproth - US Patent 6,921,669, 2005 - Google Patents

 ... in toluene and then heat treated for 2 hours at 130° C. Such slides are printed with amino-modified oligo- nucleotides and fixated in a moistured **chamber** at 50 ...

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Biosensor and method for detecting analytes by means of time-resolved luminescence - group of 3 »

H Klapproth, M Lehmann - 2004 - freepatentsonline.com

... buffer. After printing, the coupling reaction is continued at 50.degree. C. in a humid **chamber**. Next ... degree. C. in a humidity **chamber**. Next ...

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Method and device for detecting temperature-dependent parameters, such as the association/ ...

A Brandenburg, HP Lehr, H Klapproth, M Reimann - 2004 - freepatentsonline.com

... a pin printer. After said application, the prism was incubated in a moist **chamber** at 37.degree. C. for two hours. The prism was ...

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[I Freund](#)

### Multiparametric neurosensor microchip - group of 5 »

W Baumann, E Schreiber, G Krause, S Stüwe, A ... - Eurosensors XVI (Prague, 2002), 2002 - biologie.uni-rostock.de

 ... In cooperation with the **semiconductor** company Micronas we realised different silicon based microsensor ... reduced to less than 15 mm<sup>2</sup> and has a **chamber** volume of ...

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### Method and device for the detection of at least one luminescent substance

H Klapproth, M Lehmann - 2006 - freepatentsonline.com

 ... 2, the boundary wall 12 of the measurement **chamber** 7 that faces the **semiconductor** substrate 8 is realized in the form of a reflector, on which the excitation ...

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### Microsensor-Aided Measurements of Cellular Signalling and Metabolism on Tumor Cells - group of 3 »

R Ehret, T Henning, M Lehmann, A Schwinde - Tumor Biol, 1998 - content.karger.com

 ... **Semiconductor** Devices Extracellular recording of cellular signals by **semiconductor** microsensors is ... rial with sensitivity of 19 mV/pH) in a superfusion **chamber**. ...

[Related Articles](#) - [Web Search](#)

### Method for producing a solid body including a microstructure - group of 2 »

G Igel, M Lehmann - US Patent 7,166,232, 2007 - freepatentsonline.com

 ... material provides effective dissipation of heat from or into the **chamber** of the ... section through a solid body provided to produce a **semiconductor** element, into ...

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### Device for the detection of at least one ligand contained in a sample that is to be analyzed - group of 2 »

M Lehmann, C Muller, H Klapproth, I Freund - 2006 - freepatentsonline.com

 ... in the interior cavity of a flow-through **chamber** that has at least one inlet opening and one outlet opening, whereby the **semiconductor** substrate preferably ...

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### apparatus and method for determining a chemical element

M Lehmann, M Fleischer - 2006 - freepatentsonline.com

 ... has multiple ion-selective field effect transistors at the bottom of a measurement **chamber**. These have a substrate consisting of a **semiconductor** material in ...

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### Method for determining of nucleic acid analytes - group of 3 »

H Klapproth, M Lehmann - 2005 - freepatentsonline.com

 ... [0037] The support unit of the apparatus of the present invention is constituted substantially of a **semiconductor** material with ... C. in a humid **chamber**. ...

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### Biosensor and method for detecting analytes by means of time-resolved luminescence - group of 3 »

H Klapproth, M Lehmann - 2004 - freepatentsonline.com

... for example, can be provided in the form of one or more white light lamps, LEDs (light-emitting diodes), (**semiconductor**) lasers or UV ... C. in a humid **chamber**. ...

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Biopolymer synthesis substrate and method for producing biopolymers - group of 2 »

H Klapproth, M Lehmann, I Freund, J Sturken - 2005 - freepatentsonline.com

... light-directed DNA chip synthesis, individual masks, known from the **semiconductor** industry, are ... feeder may be in the form of a microfluidic cuvette or **chamber**. ...

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Process for examining membrane enclosed biocompartments - group of 5 »

M Lehmann - US Patent 6,787,331, 2004 - Google Patents

... The exit opening 5 of the micro-flow **chamber** 2, is joined by means of a ... 2, the ISFET's

possess a substrate 15 comprised of **semiconductor** material, in which are ...

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chamber semiconductor author:"mirko lehmann"

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# EAST Search History INTERFERENCE K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	22219	(luminesc\$ fluoresc\$).clm.	US-PGPUB	OR	ON	2007/05/01 14:33
L6	176776	(housing casing enclosure chamber).clm.	US-PGPUB	OR	ON	2007/05/01 14:36
L7	22703	((wall portion section) with (semiconduct\$4)).clm.	US-PGPUB	OR	ON	2007/05/01 14:34
L8	50	4 and 6 and 7	US-PGPUB	OR	ON	2007/05/01 14:35
L9	8988	((semiconduct\$4) with (detect\$ sensor receiver CCD ICCD ICMOS CMOS)).clm.	US-PGPUB	OR	ON	2007/05/01 14:36
L10	26	8 and 9	US-PGPUB	OR	ON	2007/05/01 14:37

# EAST Search History K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	998	(356/328).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L2	373	L1 and (housing casing chamber enclosure)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:10
L3	9	("4703182").URPN.	USPAT	OR	ON	2007/05/01 10:57
L4	60138	(housing casing chamber enclosure) near4 (sample specimen analyte target)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L5	44980	(housing casing chamber enclosure) near4 (detector CCD ICCD CMOS ICMOS camera photodetect\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L6	63	L1 and (housing casing chamber enclosure) near4 (detector CCD ICCD CMOS ICMOS camera photodetect\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L7	1857	(housing casing chamber enclosure) near3 (part portion section wall subsection) near3 (semiconductor CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L8	393770	fluoresc\$ luminesc\$	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L9	64	L7 and L8	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L10	147346	(housing casing chamber enclosure) with (semiconductor substrate)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L11	1631	(385/12).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L12	481	L8 and L11	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L13	137733	((("356") or ("250"))).CLAS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L14	76	L7 and L13	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57

## EAST Search History

L15	3013	(housing casing chamber enclosure) with (part portion section wall subsection) near3 (semiconductor CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L16	9	("4703182").URPN.	USPAT	OR	ON	2007/05/01 10:57
L17	420	(housing casing chamber enclosure) near3 (integrated) near3 (semiconductor CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L18	6	L1 and (housing casing chamber enclosure) near4 (holds contains flows) near3 (sample specimen gas liquid)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L19	0	("7095502").URPN.	USPAT	OR	ON	2007/05/01 10:57
L20	11	L17 and L8	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L21	53	("5278048").URPN.	USPAT	OR	ON	2007/05/01 10:57
L22	1761	(356/317-318,417).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L23	377	L22 and led	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L24	9	("3604927"   "3612866"   "3669545"   "4050895"   "4447546"   "4532425"   "4564598"   "4587101").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 10:57
L25	275	indium near tin near oxide near4 filter\$4	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L26	755	(356/301).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L27	127	L26 and sers	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L28	173	L22 and integrat\$ near4 (light source lamp led)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L29	15	("4055799"   "4129483"   "4204037"   "4220916"   "4235964"   "4350763"   "4386157"   "4428669"   "4512853"   "4519890"   "4560881"   "4564598"   "4591550"   "4704353"   "4732811").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 10:57



## EAST Search History

L30	2977140	(housing casing chamber enclosure flow near cell)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L31	237	L12 and L30	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L32	119	L31 and (semiconductor CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:11
L33	87	L26 and led	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L34	204	kara near geisel	USPAT	OR	ON	2007/05/01 10:57
L35	6286	((356/317-318,417) or (250/458.1-461.2) or (422/82.07-82.08) or (436/172) or (600/317)).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 11:14
L36	25	(sample flow target specimen analyte) near4 (cell housing casing chamber enclosure) near3 (integrat\$4) near3 (semiconductor CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L37	2	("5734165").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L38	9100	(356/300-334,402-425).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/05/01 10:57
L39	7	("5734165").URPN.	USPAT	OR	ON	2007/05/01 10:57
L40	191	L35 and L5 and L4	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 10:57
L41	2964017	(housing casing chamber enclosure)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:17
L42	278971	(CCD ICCD CMOS ICMOS)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:13
L43	8733701	(section portion part integrated)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:13
L44	67	35 and 41 and 42 near4 43	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:21
L45	0	35 and 41 with 42 near4 43	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:17

## EAST Search History

L46	0	35 and 41 and 42 near4 43 near3 wall	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 11:21
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	133	(semiconduct\$ detect\$ CCD ICCD CMOS ICMOS) near5 (integrat\$4 part section subsection area) near4 wall near5 (housing casing enclosure)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 14:25
L2	393770	luminesc\$ fluoresc\$	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 14:25
L3	5	1 and 2	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/01 14:25